

Abstract of the Disclosure

An apparatus for acquisition of an asynchronous wideband direct-sequence/
code division multiple access signal, which acquires a long code from a direct-
sequence/code division multiple access control channel signal, in which a common
5 short code, and the long code are transmitted within one frame, and a group
identification code indicating a code group, to which a base station belongs, are
combined and transmitted with the common short code, includes: a long code
masking correlation portion; a differentially coherent combining portion; a code group
10 and frame timing acquisition portion; and a long code acquisition portion for
acquiring the long code by correlating the long codes belonging to the acquired code
group and the received long code, respectively.